AMENDMENTS TO THE CLAIMS

The following is a complete, marked-up listing of revised claims with a status identifier in parenthesis, underlined text indicating insertions, and strike through and/or double-bracketed text indicating deletions.

LISTING OF CLAIMS

1. (Currently Amended) A method for selecting a potential participant for a medical study based on a selection criterion, the method comprising:

determining ~~assigning a first search criterion to~~ the selection criterion based on the medical study;

determining one or more secondary criterion based on the selection criterion;

assigning ~~a second search~~ the one or more secondary criterion to the selection criterion ~~based on the medical study and~~ such that the one or more secondary criterion are distinct from the ~~first search~~ selection criterion;

evaluating, using a processor, patient data stored in a database using the ~~second search~~ secondary criterion;

determining, by the processor and based on the evaluation of the patient data, a measure for fulfilling the selection criterion for a patient associated with the patient data based on the ~~second search~~ secondary criterion; and

selecting the patient as a potential participant for the medical study based on the determined measure.

2.   (Currently Amended)   The method as claimed in claim 1, wherein the

~~second search~~ secondary criterion is assigned to the selection criterion in

accordance with known medical correlations.

3.   (Currently Amended)   The method as claimed in claim 1, wherein

        the ~~second search~~ secondary criterion is assigned to the selection

criterion in accordance with medical terms associated with the medical study,

and

        the patient data is evaluated using a classification algorithm based on

the ~~second search~~ secondary criterion.

4.   (Currently Amended)   The method as claimed in claim 1, wherein

        the ~~second search~~ secondary criterion is assigned to the selection

criterion in accordance with nonmedical correlations concerning the medical

study.

5.   (Previously Presented)   The method as claimed in claim 1, wherein

        the measure for fulfilling the selection criteria is determined to be a

probability value of 100% or 0%, and

        the patient selected as a potential participant is selected as an actual

participant if the probability value for the patient is 100%, and

        the patient selected as a potential participant is not selected as an actual

participant if the probability value for the patient is 0%.

6.   (Currently Amended)   The method as claimed in claim 1, wherein

a probability value except 100% and 0% is determined as the measure,

for the patient selected as a potential participant, a measure with a

probability value of 100% or 0% is determined based on other than the patient

data <u>stored in the database</u>, and

the patient selected as a potential participant is selected as an actual

participant if the probability value for the patient is 100%, and

the patient selected as a potential participant is not selected as an actual

participant if the probability value for the patient is 0%.

7.   (Previously Presented)   The method as claimed in claim 1, wherein

unstructured medical documents assigned to a patient are digitalized in

a text searchable format and stored as patient data.

8.   (Currently Amended)   The method as claimed in claim 2, wherein

the ~~second search~~ <u>secondary</u> criterion is assigned to the selection

criterion in accordance with medical terms associated with the medical study,

and

the patient data is evaluated using a classification algorithm based on

the ~~second search~~ <u>secondary</u> criterion.

9.   (Currently Amended)   The method as claimed in claim 2, wherein

the ~~second search~~ secondary criterion is assigned to the selection

criterion in accordance with nonmedical correlations concerning the medical

study.

10. (Currently Amended) The method as claimed in claim 3, wherein

the ~~second search~~ secondary criterion is based on nonmedical

correlations associated with the medical study.

11. (Currently Amended) The method as claimed in claim 8, wherein

the ~~second search~~ secondary criterion is based on nonmedical

correlations associated with the medical study.

12. (Currently Amended) The method as claimed in claim 2, wherein

the measure for fulfilling the selection criterion is determined to be a

probability value except 100% and 0%,

for the patient selected as a potential participant, the measure for

fulfilling the selection criterion is adjusted to a probability value of 100% or 0%

based on other than the ~~stored~~ patient data stored in the database,

the patient selected as a potential participant is selected as an actual

participant if the probability value for the patient is 100%, and

the patient selected as a potential participant is not selected as an actual

participant if the probability value for the patient is 0%.

13. (Currently Amended) The method as claimed in claim 3, wherein

the measure for fulfilling the selection criterion is determined to be a

probability value except 100% and 0%,

for the patient selected as a potential participant, the measure for

fulfilling the selection criteria is adjusted to a probability value of 100% or 0%

is determined based on other than the ~~stored~~ patient data_stored in the_

database,

the patient selected as a potential participant is selected as an actual

participant if the probability value for the patient is 100%, and

the patient selected as a potential participant is not selected as an actual

participant if the probability value for the patient is 0%.

14.   (Currently Amended)   The method as claimed in claim 4, wherein

the measure for fulfilling the selection criterion is determined to be a

probability value except 100% and 0%,

for the patient selected as a potential participant, the measure for

fulfilling the selection criteria is adjusted to a probability value of 100% or 0%

is determined based on other than the ~~stored~~ patient data_stored in the_

database,

the patient selected as a potential participant is selected as an actual

participant if the probability value for the patient is 100%, and

the patient selected as a potential participant is not selected as an actual

participant if the probability value for the patient is 0%.

15.   (Previously Presented)   The method as claimed in claim 2, wherein

unstructured medical documents assigned to a patient are digitalized in

a text searchable format and stored as patient data.

16.   (Previously Presented)   The method as claimed in claim 3, wherein

unstructured medical documents assigned to a patient are digitalized in

a text searchable format and stored as patient data.

17.   (Previously Presented)   The method as claimed in claim 4, wherein

unstructured medical documents assigned to a patient are digitalized in

a text searchable format and stored as patient data.

*** END CLAIM LISTING ***